

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	152	398/197.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/10/02 11:32
S2	4	S1 and VCSEL	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/10/02 10:09
S5	201	398/186.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/10/02 11:33
S6	26	S5 and PIN	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/10/02 11:44
S7	56	S5 and WDM	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/10/02 12:04
S8	96	(detector with monitor near diode)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/10/02 12:07
S9	3	S8 and WDM	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/10/02 12:07
S10	11	("5488621").URPN.	USPAT	OR	OFF	2006/10/02 13:12
S20	202	398/33.ccls.	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 14:44
S21	1985	VCSEL.ab.	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 14:45
S22	587	S21 and diode	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 14:46

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S23	47	S22 and WDM	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 14:58
S24	3	detector adj monitor adj diode	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 14:59
S25	2191	optical adj data adj transmission	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:00
S26	868	S25 and receiver	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:00
S27	127	S26 and WDM	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:03
S28	62	S26 and VCSEL	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:13
S29	153	398/38.ccls.	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:13
S30	2884	bandwidth with ( photodiode or photodetector or sensor)	USPAT	OR	OFF	2006/10/02 16:23
S31	4492	bandwidth with ( photodiode or photodetector or sensor)	US-PGPUB; USPAT	OR	OFF	2006/10/02 16:25
S32	9301	bandwidth same ( photodiode or photodetector or sensor)	US-PGPUB; USPAT	OR	OFF	2006/10/02 16:24
S33	906	S31 and ( data with transmission)	US-PGPUB; USPAT	OR	OFF	2006/10/02 16:25
S34	242	S33 and overlap	US-PGPUB; USPAT	OR	OFF	2006/10/02 16:26
S35	145	S34 and spectrum	US-PGPUB; USPAT	OR	OFF	2006/10/02 16:48

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S39	105	398/151.ccls.	US-PGPUB; USPAT	OR	OFF	2006/10/02 16:53
S40	23	"5291326"	US-PGPUB; USPAT	OR	OFF	2006/10/02 16:53
S41	1	"5291326".pn.	US-PGPUB; USPAT	OR	OFF	2006/10/02 16:53
S42	21	("5291326").URPN.	USPAT	OR	OFF	2006/10/03 09:37
S46	240121	(low-bandwidth same diode near "5" monitor) and optical	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 09:43
S47	1567	S46 and VCSEL	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 09:43
S48	257	S47 and WDM	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 09:44
S49	159	S48 and coupler	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 09:45
S50	99	S49 and modulation	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 09:45
S51	2	("6597840").URPN.	USPAT	OR	OFF	2006/10/03 12:33
S52	2364	( lower-end or data) with photodiode	USPAT	OR	OFF	2006/10/03 12:54
S53	6384	( lower-end or data) with (photodiode or photodetector)with (data or information)	USPAT	OR	ON	2006/10/03 12:55
S54	8239	( lower-end or data) with (photodiode or photodetector or optical adj sensor or photodetector adj monitor)with (data or information)	USPAT	OR	ON	2006/10/03 13:00
S55	12870	( lower-end or data) with (photodiode or photodetector or optical adj sensor or photodetector adj monitor)with (data or information)	US-PGPUB; USPAT	OR	ON	2006/10/03 13:01

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S56	3677	S55 and modulation	US-PGPUB; USPAT	OR	ON	2006/10/03 13:01
S57	29869	S56 nad WDM	US-PGPUB; USPAT	OR	ON	2006/10/03 13:01
S58	410	S56 and WDM	US-PGPUB; USPAT	OR	ON	2006/10/03 13:06
S59	9856	(lower-end or data)with (photodetector or photodiode)	US-PGPUB; USPAT	OR	ON	2006/10/03 13:10
S63	255	S58 and feedback	US-PGPUB; USPAT	OR	ON	2006/10/03 13:08
S65	52	lower-end and data and monitor and diode	US-PGPUB; USPAT	OR	ON	2006/10/03 13:09
S67	8896	(lower end or data)with(photodiode or monitor near optical)	US-PGPUB; USPAT	OR	OFF	2006/10/03 13:13
S68	4112	S67 and sensor	US-PGPUB; USPAT	OR	OFF	2006/10/03 13:13
S69	1988	S67 and transmitter	US-PGPUB; USPAT	OR	OFF	2006/10/03 13:14
S70	274	S69 and WDM	US-PGPUB; USPAT	OR	OFF	2006/10/03 13:26
S82	28	"5850409"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/03 14:20
S83	1	"5850409".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 07:18
S84	10	(photo\$diode photo\$detect\$3 optical near sens\$3 photo near monitor\$3) with (low\$end low end)with low\$band\$width	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/03 16:26
S85	250	(photo\$diode photo\$detect\$3 optical near sens\$3 photo near monitor\$3) with (low\$end low end)with band\$width	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/04 09:39
S91	1	"5850409".pn.	USPAT	OR	OFF	2006/10/03 17:17
S92	23	("5850409").URPN.	USPAT	OR	OFF	2006/10/03 17:19
S93	23	("5850409").URPN.	USPAT	OR	OFF	2006/10/04 08:49
S10 0	76	(low\$band\$width).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/04 08:59
S10 1	27	S100 and optical	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/04 08:53

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S10 6	4	low\$band\$width adj diode	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/04 09:02
S11 7	443	diode same overlap\$4 same spectrum	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/04 09:43
S11 8	250	diode same overlap\$4 with spectrum	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/04 09:43
S11 9	160	diode with overlap\$4 with spectrum	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/04 09:43
S12 0	89	S119 and @py<="2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/04 13:09
S12 1	153	S119 and optical	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/04 09:57
S12 2	84	S121 and @py<="2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/04 09:58
S12 3	1	"5850409".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/05 07:06
S12 4	1	"20030090289"	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/04 17:04
S12 5	1	"5291326".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/05 07:06
S12 6	10	(low\$pass\$filter).ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 07:25
S12 8	10	(low\$pass\$filter or monitor\$diode).ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 07:26
S13 1	29428	(low\$pass\$filter nea diode).ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 07:27
S13 7	7	low\$pass\$filter with diode	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 08:15
S13 8	14	(peak near detect\$4 with exponential near decay)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 08:21

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S14 5	5	(peak near detect\$4 with exponential with diode)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 09:30
S15 1	1522	10% with bandwidth	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 11:30
S15 2	268	S151 and diode	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 11:31
S15 3	123	S152 and modulation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 11:35
S15 4	82	S153 and optical	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 11:45
S15 5	3472	anti adj alias\$3 near3 filter	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 11:46
S15 6	1970	S155 and @py<="2002"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 11:48
S15 7	58	S156 and (bandwidth with (data near rate))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 12:58
S15 8	4	S157 and diode	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 11:52
S16 1	439	bandwidth adj data adj rate	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 12:59
S16 2	41	S161 and diode	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 13:04
S16 3	207	S161 and @py<="2002"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 13:05
S16 4	17	S163 and diode	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 13:18
S16 6	1	(one adj tenth) with bandwidth with (data adj rate)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 13:21
S16 7	298	(one adj tenth) with bandwidth	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 15:14

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S16 8	1	low near sensor near bandwidth	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 15:14
S16 9	3	low with sensor with bandwidth with diode	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 15:16
S17 2	170	sensor adj bandwidth	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 15:18
S17 4	125	S172 and data	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 15:20
S17 5	32	S174 and diode	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 15:22
S17 6	69	S174 and filter	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 15:39
S17 7	13	processor with controler	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 15:39
S18 2	202	(processor with controller same (network near5 optical))	US-PGPUB; USPAT	OR	OFF	2006/10/10 09:37
S18 3	48	S182 and diode	US-PGPUB; USPAT	OR	OFF	2006/10/10 10:09
S18 4	1	"7019883".pn.	US-PGPUB; USPAT	OR	OFF	2006/10/10 10:10